

CALIFORNIA ENERGY COMMISSION1516 NINTH STREET
SACRAMENTO, CA 95814-5512

**NOTICE OF PROPOSED AWARD
TECHNICAL ASSISTANCE FOR THE
RESEARCH AND DEVELOPMENT DIVISION
RFP # 500-11-504**

Proposed Contractor: KEMA, Inc.

Contract Amount: \$3,500,000.00

<u>BIDDER</u>	<u>FINAL SCORE</u>
KEMA, Inc.	906.20
Itron, Inc. (which will do business in California as IBS)	883.24
Navigant Consulting, Inc.	834.75

Questions should be directed to: Angela Hockaday, Contract Officer
California Energy Commission
1516 Ninth Street, MS-18
Sacramento, CA 95814
(916) 654-5186

Dated: May 2, 2012
Expires: May 9, 2012

RFP 500-11-504 Technical Assistance RFP Summary

Prop #	Company	Criteria			Scorer 1	Scorer 2	Scorer 3	Scorer 4	Possible Points	Averaged Points Awarded
1		Contractor Qualifications and Experience	1. Team Structure		90%	100%	90%	90%	40	37.00
			2. Availability of Personnel/Approach to Tasks in the Scope of Work		80%	90%	90%	90%	40	35.00
			3. Contract Management Ability		90%	100%	90%	90%	40	37.00
			4. Quality Control		80%	80%	90%	70%	40	32.00
			5. Client References		80%	90%	90%	90%	20	17.50
			6. Previous Work Products		80%	100%	90%	90%	20	18.00
			Total Contractor Qualifications and Experience:						200	176.50
		Buildings End-Use Energy Efficiency	1. Appliance, Office, and Consumer Electronics Technologies and Performance/ Efficiency Standards		90%	90%	90%	90%	10	9.00
			2. Building Envelope and Environmentally-Friendly Building Technologies and Design		90%	90%	90%	80%	10	8.75
			3. Lighting and Windows Technologies and Design		90%	90%	90%	90%	10	9.00
			4. Space Thermal Conditioning Technologies and Design		90%	90%	90%	90%	10	9.00
			5. Water Efficient Applications, Water Heating and Distribution Systems, Technologies and Design		100%	90%	80%	90%	10	9.00
			6. Whole Building Energy Measurement, Simulation and Benchmarking, and Performance/Efficiency Standards, Consumer Acceptance and Decision Making and Market Intelligence		90%	90%	90%	90%	10	9.00
		Energy Technology Systems Integration	7. Demand Responsive Technologies and Systems		70%	70%	70%	70%	10	7.00
			8. Smart Grid Technologies		70%	70%	70%	70%	10	7.00
			9. Transmission/ Distribution Technologies and Power Electronics		90%	90%	90%	90%	10	9.00
		Energy Related Advanced Generation	10. Combined Cooling, Heating and Power (CCHP) Technologies and Applications		90%	90%	80%	80%	10	8.50
			11. Fuel Cell Technologies		90%	90%	80%	80%	10	8.50
			12. Reciprocating Engines		90%	90%	90%	90%	10	9.00
			13. Gas Turbines (Micro and Small)		90%	90%	90%	80%	10	8.75
		Energy-Related Environmental Research	14. Air Quality Specialist		80%	80%	80%	70%	10	7.75
			15. Energy-Related Environmental Research		50%	50%	70%	50%	10	5.50
			16. Geologist: Geologic Storage of Carbon Dioxide		80%	90%	80%	70%	10	8.00
			17. Energy Related Climate Science		90%	90%	80%	90%	10	8.75
			18. Heat Transfer Specialist: Power Plant Cooling		80%	90%	70%	70%	10	7.75
		Industrial, Agriculture and Water End-Use Energy Efficiency	19. Marine Biologist: Wave Energy, Once-through Cooling Technologies		50%	50%	50%	50%	10	5.00
			20. Data Center Energy Management		90%	90%	90%	90%	10	9.00
			21. Energy Storage Technologies: Small Scale		80%	90%	80%	90%	10	8.50
			22. Industrial Energy Efficiency and Demand Reduction		70%	80%	70%	70%	10	7.25
			23. Industrial Fluid Separation Technologies		70%	70%	80%	70%	10	7.25
			24. Industrial Process Heat		70%	80%	80%	80%	10	7.75
			25. Industrial Refrigeration		70%	80%	80%	80%	10	7.75
			26. Solar Industrial Process Heat Technologies		70%	80%	70%	70%	10	7.25
		Renewable Energy Technologies	27. Water Conservation		70%	80%	80%	70%	10	7.50
			28. Water Treatment: Potable and Wastewater		80%	80%	90%	80%	10	8.25
			29. Alternative Fuels and Conventional Fuels from Non-Conventional Sources		90%	90%	90%	90%	10	9.00
			30. Biomass Electric Generation and Municipal Solid Waste (MSW) Technologies		90%	90%	90%	90%	10	9.00
31. Geothermal			90%	70%	70%	90%	10	8.00		
32. Low Impact Hydroelectric and Ocean Energy Technologies			90%	90%	70%	90%	10	8.50		
33. Process Heating Alternatives for Industry			50%	70%	70%	70%	10	6.50		
34. Renewable Natural Gas Replacement Alternatives			90%	90%	90%	80%	10	8.75		
35. Solar Thermal Electric and Photovoltaic Technologies			80%	90%	90%	70%	10	8.25		
36. Storage Technologies			90%	100%	80%	80%	10	8.75		
37. Wind Technologies			90%	100%	90%	90%	10	9.25		

RFP 500-11-504 Technical Assistance RFP Summary

Prop #	Company	Criteria		Scorer 1	Scorer 2	Scorer 3	Scorer 4	Possible Points	Averaged Points Awarded	
		Transportation Energy RD&D	38. Advanced Transportation Fuels and Infrastructure	70%	70%	70%	70%	10	7.00	
			39. Advanced Transportation Technologies and Infrastructure	80%	80%	70%	80%	10	7.75	
			40. Sustainable Communities and Land Use Planning	80%	80%	80%	80%	10	8.00	
		Planning and Evaluation	41. Market Assessment	90%	90%	90%	90%	10	9.00	
			42. Quantification of Benefits of Energy Resources and Technologies	80%	80%	90%	90%	10	8.50	
			43. RD&D Program Evaluation	80%	90%	80%	90%	10	8.50	
		Technology Transfer	44. Facilitate Dissemination of Project and Program Results	90%	90%	90%	90%	10	9.00	
			45. Facilitator	90%	100%	90%	90%	10	9.25	
			46. Graphics/Design/Printing	90%	80%	80%	90%	10	8.50	
			47. Technical Editor	90%	100%	80%	80%	10	8.75	
			48. Technical Writer	90%	100%	80%	80%	10	8.75	
			49. Webcast	90%	100%	80%	90%	10	9.00	
			50. Word Processing	90%	100%	80%	80%	10	8.75	
								500	411.50	
		Cost Score	1. Average Loaded Hourly Rate, Cost % and Score	174.87	99.35%			270	268.24	
			2. Cost Justification	90%	90%	90%	90%	20	18.00	
			Total Cost Score					290	286.24	
			3. Budget-Economic Investment in California (EIC)					10	9.00	
		Totals	Total Contractor Qualifications and Experience:						200	176.50
			Total AOE Score:						500	411.50
			Total Cost Score (incl EIC)						300	295.24
			Total						1000	883.24

RFP 500-11-504 Technical Assistance RFP Summary

Prop #	Company	Criteria		Scorer 1	Scorer 2	Scorer 3	Scorer 4	Possible Points	Averaged Points Awarded
2		Contractor Qualifications and Experience	1. Team Structure	90%	90%	90%	90%	40	36.00
			2. Availability of Personnel/Approach to Tasks in the Scope of Work	90%	90%	90%	90%	40	36.00
			3. Contract Management Ability	80%	80%	90%	90%	40	34.00
			4. Quality Control	80%	70%	90%	90%	40	33.00
			5. Client References	90%	90%	90%	90%	20	18.00
			6. Previous Work Products	90%	90%	90%	90%	20	18.00
			Total Contractor Qualifications and Experience:					200	175.00
		Buildings End-Use Energy Efficiency	1. Appliance, Office, and Consumer Electronics Technologies and Performance/ Efficiency Standards	90%	90%	90%	90%	10	9.00
			2. Building Envelope and Environmentally-Friendly Building Technologies and Design	90%	80%	90%	90%	10	8.75
			3. Lighting and Windows Technologies and Design	90%	80%	90%	90%	10	8.75
			4. Space Thermal Conditioning Technologies and Design	90%	90%	90%	90%	10	9.00
			5. Water Efficient Applications, Water Heating and Distribution Systems, Technologies and Design	70%	70%	80%	70%	10	7.25
			6. Whole Building Energy Measurement, Simulation and Benchmarking, and Performance/Efficiency Standards, Consumer Acceptance and Decision Making and Market Intelligence	80%	70%	80%	80%	10	7.75
			Energy Technology Systems Integration	7. Demand Responsive Technologies and Systems	70%	70%	70%	70%	10
		8. Smart Grid Technologies		80%	70%	80%	80%	10	7.75
		9. Transmission/ Distribution Technologies and Power Electronics		90%	80%	90%	90%	10	8.75
		Energy Related Advanced Generation	10. Combined Cooling, Heating and Power (CCHP) Technologies and Applications	90%	80%	80%	90%	10	8.50
			11. Fuel Cell Technologies	90%	80%	80%	80%	10	8.25
			12. Reciprocating Engines	90%	80%	90%	90%	10	8.75
			13. Gas Turbines (Micro and Small)	80%	80%	90%	90%	10	8.50
		Energy-Related Environmental Research	14. Air Quality Specialist	70%	70%	80%	70%	10	7.25
			15. Energy-Related Environmental Research	70%	70%	70%	70%	10	7.00
			16. Geologist: Geologic Storage of Carbon Dioxide	80%	70%	80%	80%	10	7.75
			17. Energy Related Climate Science	90%	90%	90%	90%	10	9.00
			18. Heat Transfer Specialist: Power Plant Cooling	80%	70%	90%	80%	10	8.00
		Industrial, Agriculture and Water End-Use Energy Efficiency	19. Marine Biologist: Wave Energy, Once-through Cooling Technologies	70%	70%	80%	70%	10	7.25
			20. Data Center Energy Management	80%	80%	80%	80%	10	8.00
			21. Energy Storage Technologies: Small Scale	90%	90%	90%	90%	10	9.00
			22. Industrial Energy Efficiency and Demand Reduction	90%	90%	80%	90%	10	8.75
			23. Industrial Fluid Separation Technologies	80%	70%	80%	80%	10	7.75
			24. Industrial Process Heat	80%	80%	80%	80%	10	8.00
			25. Industrial Refrigeration	80%	70%	80%	80%	10	7.75
			26. Solar Industrial Process Heat Technologies	80%	80%	80%	80%	10	8.00
		Renewable Energy Technologies	27. Water Conservation	90%	80%	80%	90%	10	8.50
			28. Water Treatment: Potable and Wastewater	70%	90%	80%	80%	10	8.00
			29. Alternative Fuels and Conventional Fuels from Non-Conventional Sources	90%	90%	90%	90%	10	9.00
			30. Biomass Electric Generation and Municipal Solid Waste (MSW) Technologies	90%	90%	90%	90%	10	9.00
			31. Geothermal	90%	70%	90%	90%	10	8.50
			32. Low Impact Hydroelectric and Ocean Energy Technologies	80%	70%	90%	80%	10	8.00
			33. Process Heating Alternatives for Industry	80%	70%	90%	70%	10	7.75
			34. Renewable Natural Gas Replacement Alternatives	90%	70%	90%	90%	10	8.50
			35. Solar Thermal Electric and Photovoltaic Technologies	90%	70%	90%	90%	10	8.50
			36. Storage Technologies	90%	90%	90%	90%	10	9.00
			37. Wind Technologies	80%	90%	90%	90%	10	8.75

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Prop #	Company	Criteria		Scorer 1	Scorer 2	Scorer 3	Scorer 4	Possible Points	Averaged Points Awarded
		Transportation Energy RD&D	38. Advanced Transportation Fuels and Infrastructure	80%	90%	90%	90%	10	8.75
			39. Advanced Transportation Technologies and Infrastructure	90%	90%	90%	90%	10	9.00
			40. Sustainable Communities and Land Use Planning	80%	90%	90%	90%	10	8.75
		Planning and Evaluation	41. Market Assessment	90%	80%	80%	90%	10	8.50
			42. Quantification of Benefits of Energy Resources and Technologies	90%	80%	90%	90%	10	8.75
			43. RD&D Program Evaluation	80%	80%	90%	90%	10	8.50
		Technology Transfer	44. Facilitate Dissemination of Project and Program Results	90%	80%	80%	90%	10	8.50
			45. Facilitator	90%	90%	80%	90%	10	8.75
			46. Graphics/Design/Printing	90%	80%	90%	90%	10	8.75
			47. Technical Editor	90%	90%	90%	90%	10	9.00
			48. Technical Writer	90%	90%	80%	90%	10	8.75
			49. Webcast	90%	80%	80%	90%	10	8.50
			50. Word Processing	90%	90%	80%	90%	10	8.75
			Total AOE Score:					500	418.25
		Cost Score	1. Average Loaded Hourly Rate, Cost % and Score	175.06	99.24%			270	267.95
			2. Cost Justification	80%	80%	90%	90%	20	17.00
			Total Cost Score					290	284.95
			3. Budget-Economic Investment in California (EIC)					10	8.00
		Totals	Total Contractor Qualifications and Experience:					200	175.00
			Total AOE Score:					500	418.25
			Total Cost Score (incl EIC)					300	292.95
			Total					1000	886.20

RFP 500-11-504 Technical Assistance RFP Summary

Prop #	Company	Criteria		Scorer 1	Scorer 2	Scorer 3	Scorer 4	Possible Points	Averaged Points Awarded
3		Contractor Qualifications and Experience	1. Team Structure	90%	70%	90%	70%	40	32.00
			2. Availability of Personnel/Approach to Tasks in the Scope of Work	80%	70%	90%	80%	40	32.00
			3. Contract Management Ability	80%	70%	90%	90%	40	33.00
			4. Quality Control	70%	70%	90%	90%	40	32.00
			5. Client References	50%	70%	90%	80%	20	14.50
			6. Previous Work Products	50%	70%	80%	80%	20	14.00
			Total Contractor Qualifications and Experience:					200	157.50
		Buildings End-Use Energy Efficiency	1. Appliance, Office, and Consumer Electronics Technologies and Performance/ Efficiency Standards	50%	50%	70%	50%	10	5.50
			2. Building Envelope and Environmentally-Friendly Building Technologies and Design	70%	70%	80%	70%	10	7.25
			3. Lighting and Windows Technologies and Design	70%	70%	70%	70%	10	7.00
			4. Space Thermal Conditioning Technologies and Design	70%	70%	70%	70%	10	7.00
			5. Water Efficient Applications, Water Heating and Distribution Systems, Technologies and Design	50%	50%	70%	50%	10	5.50
			6. Whole Building Energy Measurement, Simulation and Benchmarking, and Performance/Efficiency Standards, Consumer Acceptance and Decision Making and Market Intelligence	80%	70%	80%	80%	10	7.75
		Energy Technology Systems Integration	7. Demand Responsive Technologies and Systems	70%	70%	70%	70%	10	7.00
			8. Smart Grid Technologies	70%	80%	80%	80%	10	7.75
			9. Transmission/ Distribution Technologies and Power Electronics	70%	70%	70%	70%	10	7.00
		Energy Related Advanced Generation	10. Combined Cooling, Heating and Power (CCHP) Technologies and Applications	70%	70%	80%	80%	10	7.50
			11. Fuel Cell Technologies	70%	70%	80%	80%	10	7.50
			12. Reciprocating Engines	70%	70%	70%	70%	10	7.00
			13. Gas Turbines (Micro and Small)	70%	70%	80%	80%	10	7.50
		Energy-Related Environmental Research	14. Air Quality Specialist	70%	50%	70%	70%	10	6.50
			15. Energy-Related Environmental Research	80%	50%	80%	80%	10	7.25
			16. Geologist: Geologic Storage of Carbon Dioxide	70%	50%	80%	50%	10	6.25
			17. Energy Related Climate Science	80%	50%	80%	80%	10	7.25
			18. Heat Transfer Specialist: Power Plant Cooling	70%	25%	90%	70%	10	6.38
			19. Marine Biologist: Wave Energy, Once-through Cooling Technologies	80%	25%	90%	80%	10	6.88
		Industrial, Agriculture and Water End-Use Energy Efficiency	20. Data Center Energy Management	80%	70%	80%	80%	10	7.75
			21. Energy Storage Technologies: Small Scale	70%	70%	80%	80%	10	7.50
			22. Industrial Energy Efficiency and Demand Reduction	90%	80%	90%	90%	10	8.75
			23. Industrial Fluid Separation Technologies	80%	80%	90%	90%	10	8.50
			24. Industrial Process Heat	80%	80%	90%	90%	10	8.50
			25. Industrial Refrigeration	90%	80%	80%	90%	10	8.50
			26. Solar Industrial Process Heat Technologies	70%	70%	80%	70%	10	7.25
			27. Water Conservation	90%	90%	90%	90%	10	9.00
		Renewable Energy Technologies	28. Water Treatment: Potable and Wastewater	70%	80%	80%	80%	10	7.75
			29. Alternative Fuels and Conventional Fuels from Non-Conventional Sources	90%	70%	90%	80%	10	8.25
			30. Biomass Electric Generation and Municipal Solid Waste (MSW) Technologies	90%	70%	80%	80%	10	8.00
31. Geothermal	80%		50%	80%	80%	10	7.25		
32. Low Impact Hydroelectric and Ocean Energy Technologies	80%		70%	80%	80%	10	7.75		
33. Process Heating Alternatives for Industry	80%		70%	70%	70%	10	7.25		
34. Renewable Natural Gas Replacement Alternatives	80%		70%	80%	80%	10	7.75		
35. Solar Thermal Electric and Photovoltaic Technologies	80%		70%	80%	80%	10	7.75		
36. Storage Technologies	90%		70%	70%	70%	10	7.50		
37. Wind Technologies	80%		70%	80%	70%	10	7.50		

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Prop #	Company	Criteria		Scorer 1	Scorer 2	Scorer 3	Scorer 4	Possible Points	Averaged Points Awarded	
		Transportation Energy RD&D	38. Advanced Transportation Fuels and Infrastructure	80%	80%	80%	90%	10	8.25	
			39. Advanced Transportation Technologies and Infrastructure	80%	70%	80%	80%	10	7.75	
			40. Sustainable Communities and Land Use Planning	50%	50%	70%	50%	10	5.50	
		Planning and Evaluation	41. Market Assessment	80%	70%	80%	80%	10	7.75	
			42. Quantification of Benefits of Energy Resources and Technologies	70%	70%	80%	80%	10	7.50	
			43. RD&D Program Evaluation	50%	70%	80%	80%	10	7.00	
		Technology Transfer	44. Facilitate Dissemination of Project and Program Results	70%	50%	90%	80%	10	7.25	
			45. Facilitator	70%	70%	80%	70%	10	7.25	
			46. Graphics/Design/Printing	90%	50%	80%	90%	10	7.75	
			47. Technical Editor	70%	50%	80%	90%	10	7.25	
			48. Technical Writer	70%	50%	90%	90%	10	7.50	
			49. Webcast	80%	100%	80%	90%	10	8.75	
			50. Word Processing	80%	70%	80%	90%	10	8.00	
								500	371.75	
		Cost Score	1. Average Loaded Hourly Rate, Cost % and Score	173.73	100.00%			270	270	
			2. Cost Justification	70%	70%	80%	90%	20	15.50	
			Total Cost Score					290	285.50	
			3. Budget-Economic Investment in California (EIC)					10	0.00	
		Totals	Total Contractor Qualifications and Experience:						200	157.50
			Total AOE Score:						500	371.75
			Total Cost Score (incl EIC)						290	285.50
			Total						1000	814.75

Total Possible Points	1000
Highest Technical Score	886.2

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Technical Assistance RFP